

Title (en)

ROTARY UNION FOR TIRE INFLATION SYSTEM

Title (de)

DREHVERBINDUNG FÜR EIN REIFENAUFPUMPSYSTEM

Title (fr)

RACCORD ROTATIF POUR SYSTÈME DE GONFLAGE DE PNEU

Publication

**EP 3068639 B1 20191002 (EN)**

Application

**EP 14859439 A 20141111**

Priority

- US 201361902476 P 20131111
- US 2014065006 W 20141111

Abstract (en)

[origin: WO2015070214A1] A rotary union having a housing, a shaft rotatably disposed within the housing, and a tube having a first end sealingly disposed within the shaft and a second end sealingly coupled to the housing. A tire inflation system may comprise a rotary union externally mounted to a vehicle wheel end or mounted to a vehicle fairing.

IPC 8 full level

**B60C 23/00** (2006.01)

CPC (source: EP US)

**B60C 23/00305** (2020.05 - EP US); **B60C 23/00318** (2020.05 - EP US); **B60C 23/00345** (2020.05 - EP US); **B60C 23/00354** (2020.05 - EP US); **B60C 23/00363** (2020.05 - EP US); **B60C 23/007** (2013.01 - EP US); **B60C 23/009** (2013.01 - EP US); **B60S 5/04** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2015070214 A1 20150514**; AU 2014346426 A1 20160602; AU 2014346426 B2 20171019; AU 2018200434 A1 20180208; AU 2018200434 B2 20190919; BR 112016010043 B1 20210126; CA 2929237 A1 20150514; CN 105764716 A 20160713; CN 105764716 B 20190709; CN 110561987 A 20191213; EP 3068639 A1 20160921; EP 3068639 A4 20170621; EP 3068639 B1 20191002; EP 3530494 A1 20190828; EP 3530494 B1 20210526; ES 2758091 T3 20200504; ES 2875903 T3 20211111; HK 1225351 A1 20171013; MX 2016006055 A 20161202; MX 2021001482 A 20210428; US 10562356 B2 20200218; US 11813898 B2 20231114; US 2016288590 A1 20161006; US 2020086694 A1 20200319

DOCDB simple family (application)

**US 2014065006 W 20141111**; AU 2014346426 A 20141111; AU 2018200434 A 20180118; BR 112016010043 A 20141111; CA 2929237 A 20141111; CN 201480061582 A 20141111; CN 201910756387 A 20141111; EP 14859439 A 20141111; EP 19168211 A 20141111; ES 14859439 T 20141111; ES 19168211 T 20141111; HK 16113739 A 20161201; MX 2016006055 A 20141111; MX 2021001482 A 20160509; US 201415035695 A 20141111; US 201916583076 A 20190925